

WHAT IS CLAIMED IS:

1. A towel presenting, washing and drying machine, comprising:

first and second spaced-apart rollers each rotatable in a clockwise and counter-clockwise sense;

a bath having liquid inlet and outlet ports located between said rollers supporting a plurality of rod members for guiding a towel section in a meandering fashion in the bath;

means for cleaning the towel section in said bath;

at least one drying drum disposed outside said bath between said rollers;

at least one motor and transmission means coupled to said rollers and the drying drum, and

a controller for timely selectively operating each of said rollers and the drying drum.

2. The machine as claimed in claim 1, wherein said means for cleaning the towel is at least one pair of cleaning brushes rotatable inside said bath and said transmission means is coupled to said brushes.

3. The machine as claimed in claim 1, further comprising towel tensioning means for maintaining the towel tensioned during rotation of said rollers.

4. The machine as claimed in claim 1, wherein the towel passes between said brushes and said brushes rotate in opposite sense to each other.

5. The machine as claimed in claim 1, wherein the towel passes between said drying drums and said drying drums rotate in opposite sense to each other.

6. The machine as claimed in claim 1, further comprising a heater located inside said bath.

7. The machine as claimed in claim 1, further comprising a replenishable detergent container in liquid communication with said bath.

8. The machine as claimed in claim 1, wherein said inlet and outlet ports are fitted with electrically actuatable valves, controllable by said controller.

9. The machine as claimed in claim 1, wherein said bath further comprises liquid level sensors.

10. The machine as claimed in claim 1, further comprising towel section length dispensing control associated with one of said rollers.

11. A method for automatically presenting a clean towel section for drying purposes and for washing and drying soiled towel sections in a towel presenting and washing machine, comprising;

providing a towel dispenser having first and second rotatable rollers and a washing chamber;

presenting a user with a towel section by rolling said section off said first roller by rotation in a first sense;

transferring said section after use to said washing chamber containing cleaning liquid to be soaked and washed by the cleaning liquid;

transferring said soaked section to said second roller by rotating it in a first sense;

emptying said washing chamber from cleaning liquid and filling in rinsing liquid;

selectively rotating said second roller in an opposite sense to said first sense for rinsing said towel section in the washing chamber, and

drying said washed and rinsed towel section while rolling it up on said second roller for further use.

12. The method as claimed in claim 11, wherein said rinsing and drying operation is effected at a selected hour of day and night.

13. The method as claimed in claim 11, wherein the speed of rotation of the rollers during rinsing and drying is smaller than the speed of rotation during soaking and washing.

14. The method as claimed in claim 11, wherein said washing chamber is connected to a water and detergent source and a predetermined amount of liquid and detergent is selectively automatically introduced into the chamber.

15. The method as claimed in claim 11, wherein the washing chamber is emptied

before rinsing and drying operations commence.

16. The method as claimed in claim 11, wherein said washing is effected by means of two oppositely rotatable brushes.

17. The method as claimed in claim 11, wherein said drying is effected by means of two oppositely rotatable drying drums.